

Mineral and Gas Identification Using a High-Performance Thermal Infrared Imaging Spectrometer

Completed Technology Project (2008 - 2013)



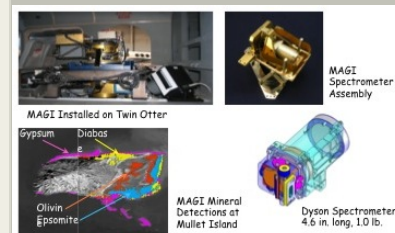
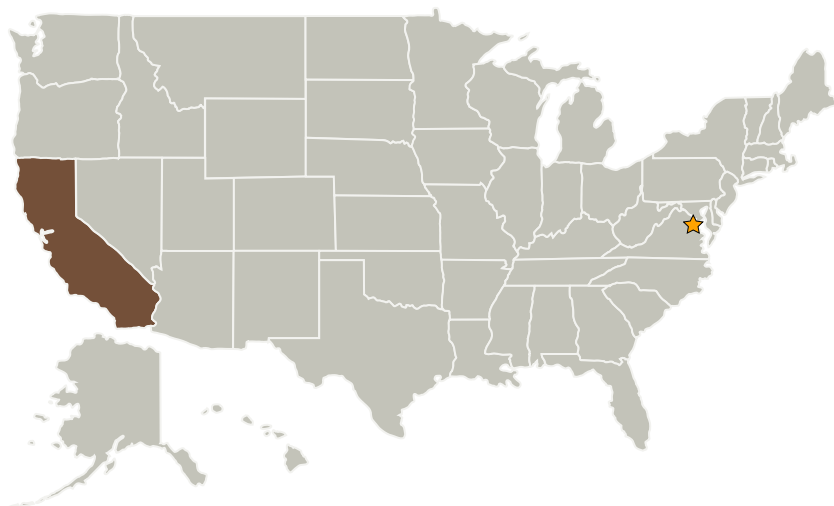
Project Introduction

N/A

Anticipated Benefits

N/A

Primary U.S. Work Locations and Key Partners



Project Image Mineral and Gas Identification Using a High-Performance Thermal Infrared Imaging Spectrometer

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Organizations Performing Work	Role	Type	Location
★ NASA Headquarters(HQ)	Lead Organization	NASA Center	Washington, District of Columbia

Co-Funding Partners	Type	Location
The Aerospace Corporation	Industry	El Segundo, California

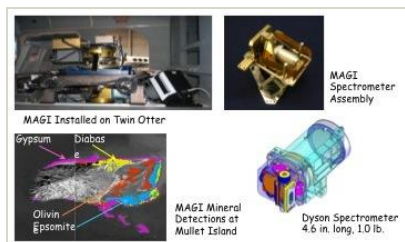
Primary U.S. Work Locations
California

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Images



10990-1360163689003.jpg

Project Image Mineral and Gas Identification Using a High-Performance Thermal Infrared Imaging Spectrometer
(<https://techport.nasa.gov/image/1590>)

Organizational Responsibility

Responsible Mission Directorate:

Science Mission Directorate (SMD)

Lead Center / Facility:

NASA Headquarters (HQ)

Responsible Program:

Earth Science

Project Management

Program Director:

George J Komar

Project Manager:

Parminder S Ghuman

Principal Investigator:

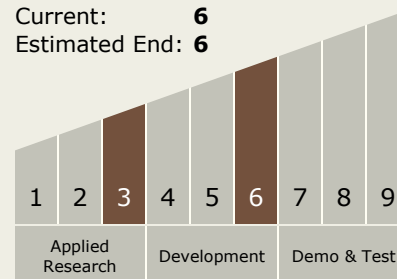
Jeffrey L Hall

Technology Maturity (TRL)

Start: **3**

Current: **6**

Estimated End: **6**



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Technology Areas

Primary:

- TX08 Sensors and Instruments
 - └ TX08.1 Remote Sensing Instruments/Sensors
 - └ TX08.1.1 Detectors and Focal Planes

Target Destination

Earth